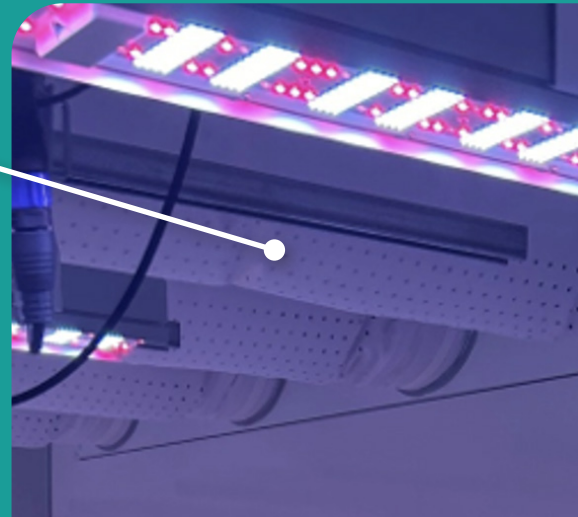


## Duct Socks for Conviron Plant Growth Rooms & Growth Houses

**Duct Socks** are fabric air dispersion ducts suspended above the crop area that deliver conditioned air through engineered perforations. Duct Socks help maintain consistent temperature and humidity, improve airflow across the canopy, and support reliable plant growth and research outcomes.



### AIR DELIVERY

- Connected to Conviron AHU units for conditioned supply air
- Uniform air delivery across benches, shelving and crop zones
- Low-velocity dispersion helps reduce drafts and hot/cold spots

### UNIFORMITY

- Supports consistent temperature and humidity throughout the growth area
- Continuous dispersion along the duct length promotes balanced airflow
- Engineered to suit room dimensions, shelving and crop requirements

### MAINTENANCE

- Lightweight removable fabric duct sections
- Washable and inspectable to support routine maintenance
- Corrosion-resistant alternative to sheet metal distribution ductwork

### DUCT CONFIGURATION

- Custom selected diameter duct socks to match duty
- White fabric finish for a clean installation appearance
- Suspended overhead and arranged to suit room layout

### INTEGRATION

- Airflow, duct length and AHU connection details reviewed case by case
- Suitable for growth rooms, growth houses and retrofit applications
- Designed as part of a complete controlled environment solution

### KEY BENEFITS & APPLICATIONS

- Delivers conditioned air evenly throughout the growing space, helping ensure all plants experience consistent environmental conditions
- Continuous air dispersion through engineered perforations minimizes hot spots, cold spots, and localized humidity differences
- Creates more consistent growing conditions throughout the room, helping improve the reliability of plant science, seed, and phenotyping studies
- Lightweight fabric duct sections are removable, washable, and easy to inspect as part of routine maintenance programs
- Suitable for plant growth research, seed and phenotyping spaces, multi-tier growing rooms, open crop areas, new-build projects, and retrofit applications where uniform air movement is critical to performance

**One air dispersion approach. Multiple room applications.**

#### GROWTH ROOMS

Uniform supply across controlled rooms.

#### GROWTH HOUSES

Integrated with AHU and room services

#### RETROFITS

Adaptable for upgraded airflow layouts

#### RESEARCH SPACES

Supports crop, seed and phenotyping work.